



Docket No.: 217139US77

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313



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TECH CENTER 1600/2900

RE: Application Serial No.: 10/023,894

Applicants: William M. CANFIELD, et al.

Filing Date: December 21, 2001

For: EXPRESSION OF LYSOSOMAL HYDROLASE IN
CELLS EXPRESSING PRO-N-
ACETYLGLUCOSAMINE-1-PHOSPHODIESTER
ALPHA-N-ACETYL GLUCOSIMANIDASE

Group Art Unit: 1652

Examiner: Patterson

SIR:

Attached hereto for filing are the following papers:

RESPONSE TO RESTRICTION REQUIREMENT

Our check in the amount of _____ is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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DOCKET NO.: 217139US77

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF: :
WILLIAM CANFIELD, et al. : GROUP ART UNIT: 1652
SERIAL NO.: 10/023,894 :
FILED: DECEMBER 21, 2001 : EXAMINER: PATTERSON

FOR: EXPRESSION OF LYSOSOMAL HYDROLASE IN CELLS EXPRESSING
PRO-N-ACETYLGLUCOSAMINE-1-PHOSPHODIESTER ALPHA-N-ACETYL
GLUCOSIMANIDASE

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RESPONSE TO RESTRICTION REQUIREMENT

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Official Action mailed May 29, 2003, the Applicant elect, with
traverse, Group I, Claims 1-10.

REMARKS

The Office has restricted this application as follows under 35 U.S.C. §121:

- Group I: Claims 1-10, drawn to a method of producing a lysosomal hydrolase having an oligosaccharide modified with N-acetylglucosamine-1-phosphate comprising culturing cells in the presence of *Pseudomonas exotoxin A*.
- Group II: Claims 11-22, drawn to a method of producing a lysosomal hydrolase having an oligosaccharide or an oligosaccharide modified with N-acetylglucosamine-1-phosphate comprising introducing a polynucleotide encoding the lysosomal hydrolase into a furin deficient cell.
- Group III: Claims 23-30, drawn to a method of producing a phosphodiesterase α -GlcNAcase comprising contacting a cell producing the enzyme with a